





Hidden Lake

Sampling Point ★

Review of Findings: Hidden Lake

PARAMETER	FINDING	INTERPRETATION
Lake Type	Groundwater drainage	Outlet only
pH	7.2	Neutral
Alkalinity	21.0 ppm	Low sensitivity to acid rain
Hardness	20.4 ppm	Soft water (ZM susceptible)
Secchi (clarity)	6.5 feet	Fair
Chlorophyll 'a'	2.0 ppb	Little planktonic algae
Tot. Phosphorus	Non detect (ppm)	Very good/excellent quality
Total Nitrogen	0.71 ppm	Ratio N:P indicates P-limited
Trophic Status	TSI (chlorophyll) =37.4	Mesotrophic - Oligotrophic
Conductivity	16.5 μ S/cm	Very little dissolved material
<i>Escherichia coli</i>	ND (MPM/100ml)	No fecal contamination found